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1 Folded-cascode transimpedance amplifier for burst-mode application Schneider, K.; Zimmermann, H.;

Electron Devices for Microwave and Optoelectronic Applications, 2002. EDMO The 10th IEEE International Symposium on , 18-19 Nov. 2002

Pages: 294 - 299

[Abstract] [PDF Full-Text (388 KB)] **IEEE CNF** 

2 Differential transimpedance amplifiers for communications systems based on common-gate topology

Martinez-Castillo, J.; Diaz-Sanchez, A.; Linares-Aranda, M.; Circuits and Systems, 2002. ISCAS 2002. IEEE International Symposium on , Volume: 2 , 26-29 May 2002

Pages:II-97 - II-100 vol.2

[Abstract] [PDF Full-Text (371 KB)]

3 40-Gb/s optical receiver IC chipset - including a transimpedance amplifier, a differential amplifier, and a decision circuit - using GaAs-t **HBT** technology

Amamiya, Y.; Suzuki, Y.; Kawanaka, M.; Hosoya, K.; Yamazaki, Z.; Mamada, Takahashi, H.; Wada, S.; Kato, T.; Ikenaga, Y.; Tanaka, S.; Takeuchi, T.; Hid Microwave Symposium Digest, 2002 IEEE MTT-S International, Volume: 1, 2 June 2002

Pages:87 - 90

[Abstract] [PDF Full-Text (463 KB)] IEEE CNF

4 A 2.5-mW SOS CMOS optical receiver for chip-to-chip interconnect Apsel, A.; Zhongtao Fu; Andreou, A.G.;

Lightwave Technology, Journal of , Volume: 22 , Issue: 9 , Sept. 2004 Pages:2149 - 2157

[Abstract] [PDF Full-Text (1192 KB)] IEEE JNL

5 1-Gb/s 80-dB/spl Omega/ fully differential CMOS transimpedance amplifier in multichip on oxide technology for optical interconnects Sung Min Park; Jaeseo Lee; Hoi-Jun Yoo;

Solid-State Circuits, IEEE Journal of , Volume: 39 , Issue: 6 , June 2004 Pages:971 - 974

[PDF Full-Text (344 KB)] [Abstract] **IEEE JNL** 

## 6 40-GHz transimpedance amplifier with differential outputs using Inl InGaAs heterojunction bipolar transistors

Wu, C.Q.; Sovero, E.A.; Massey, B.; Solid-State Circuits, IEEE Journal of , Volume: 38 , Issue: 9 , Sept. 2003 Pages:1518 - 1523

[Abstract] [PDF Full-Text (707 KB)] IEEE JNL

7 SiGe differential transimpedance amplifier with 50-GHz bandwidth Weiner, J.S.; Leven, A.; Houtsma, V.; Baeyens, Y.; Young-Kai Chen; Paschke, Yang Yang; Frackoviak, J.; Wei-Jer Sung; Tate, A.; Reyes, R.; Kopf, R.F.; Weimann, N.G.;

Solid-State Circuits, IEEE Journal of , Volume: 38 , Issue: 9 , Sept. 2003 Pages: 1512 - 1517

[Abstract] [PDF Full-Text (652 KB)] IEEE JNL

### 8 Characterization of a 16-channel optical/electronic selector for fast packet-switched WDMA networks

Tong, F.; Li, C.-S.; Stevens, A.E.; Kwark, Y.H.; Photonics Technology Letters, IEEE , Volume: 6 , Issue: 8 , Aug. 1994 Pages:971 - 974

[PDF Full-Text (276 KB)] [Abstract] **IEEE JNL** 

#### 9 Wideband CMOS transimpedance amplifier

Kossel, M.; Menolfi, C.; Morf, T.; Schmatz, M.; Toifl, T.; Electronics Letters, Volume: 39, Issue: 7, 3 April 2003 Pages: 587 - 588

[Abstract] [PDF Full-Text (261 KB)]

### 10 40 Gbit/s transimpedance amplifier in SiGe bipolar technology for I receiver in optical-fibre TDM links

Mullrich, J.; Meister, T.F.; Rest, M.; Bogner, W.; Schopflin, A.; Rein, H.-M.; Electronics Letters , Volume: 34 , Issue: 5 , 5 March 1998 Pages: 452 - 453

[PDF Full-Text (284 KB)] IEE JNL [Abstract]

### 11 A 20mW 85dB/spl Omega/ 1.25Gb/s CMOS transimpedance amplif with photodiode capacitance cancellation

Chia-Ming Tsai;

VLSI Circuits, 2004. Digest of Technical Papers. 2004 Symposium on , 17-19. 2004

Pages: 408 - 409

[Abstract] [PDF Full-Text (287 KB)]

### 12 A 10Gb/s SiGe transimpedance amplifier using a pseudo-differentia input stage and a modified Cherry-Hooper amplifier

Maxim, A.;

VLSI Circuits, 2004. Digest of Technical Papers. 2004 Symposium on , 17-19. 2004

Pages: 404 - 407

[Abstract] [PDF Full-Text (498 KB)] **IEEE CNF** 

### 13 CMOS limiting optical preamplifiers using dynamic biasing for wide dynamic range

Goldberg, S.; Liu, S.; Nicolson, S.; Phang, K.;

Circuits and Systems, 2004. ISCAS '04. Proceedings of the 2004 International

Symposium on , Volume: 4 , 23-26 May 2004

Pages: IV - 217-20 Vol.4

[Abstract] [PDF Full-Text (301 KB)] **IEEE CNF** 

### 14 A 10 Gbase-LX4 receiver front end transimpedance amplifier and limiting amplifier

Hung-Chieh Tsai; Jyh-Yih Yeh; Wei-Hsuan Tu; Tai-Cheng Lee; Chorng-Kuang

Circuits and Systems, 2004. ISCAS '04. Proceedings of the 2004 International Symposium on , Volume: 4 , 23-26 May 2004

Pages:IV - 393-6 Vol.4

[Abstract] [PDF Full-Text (695 KB)] **IEEE CNF** 

#### 15 High-speed optoelectronics receivers in SiGe

Gupta, A.; Levitan, S.P.; Selavo, L.; Chiarulli, D.M.;

VLSI Design, 2004. Proceedings. 17th International Conference on , 2004

Pages:957 - 960

[Abstract] [PDF Full-Text (392 KB)] **IEEE CNF** 

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